

INTERNATIONAL SEARCH REPORT

 International Application No
 PCT 03/01391

 A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04L29/06 H04N7/24 H04M3/51

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

 Minimum documentation searched (classification system followed by classification symbols)
 IPC 7 H04L H04N H04M

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 99 44363 A (RIDGEWAY SYSTEMS AND SOFTWARE ; DAVIES STEVEN GARATH (GB)) 2 September 1999 (1999-09-02) abstract	1-13, 16-21
Y	page 3, line 9 - page 7, line 5 page 8, line 1 - page 14, line 11 page 16, line 5 - line 19 page 21, line 4 - line 7 page 24, line 1 - line 5, line 17 page 27, line 1 - line 10	14, 15
Y	US 2001/050920 A1 (HASSELL JOEL GERARD ET AL) 13 December 2001 (2001-12-13) abstract page 3, paragraph 34 - paragraph 35 page 4, line 42, paragraph 52 - line 47 claim 2	14, 15

 -/--

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

17 June 2003

Date of mailing of the international search report

27/06/2003

Name and mailing address of the ISA

 European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Karavassilis, N

INTERNATIONAL SEARCH REPORT

Internat Application No

PCT 03/01391

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 20976 A (HOTV INC) 13 April 2000 (2000-04-13) page 33, line 24 -page 36, line 27 page 37, line 21 - line 27 page 23; claims 27-30 ---	1-12, 16-21
X	WO 02 23916 A (ERICSSON TELEFON AB L M ;BAANG GOERAN (SE)) 21 March 2002 (2002-03-21) abstract page 5, line 12 -page 6, line 5 page 9, line 24 -page 11, line 4 claim 9 ---	1-12, 16-21
X	EP 1 089 566 A (ACTV INC) 4 April 2001 (2001-04-04) abstract page 5, column 7, line 35 -page 6, column 9, line 6 page 8, column 14, line 42 -page 9, column 16, line 6 ---	1-12, 16-21
A	EP 0 915 596 A (AT & T CORP) 12 May 1999 (1999-05-12) abstract page 4, column 5, line 10 -page 5, column line 42 page 9, column 16, line 50 -page 10, column 17, line 58 ---	1-21
A	WO 01 98950 A (WATCHIT COM INC) 27 December 2001 (2001-12-27) abstract page 13, line 12 -page 14, line 4 page 19, line 24 -page 20, line 11 claims 1-7,17,35 -----	1-21

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/J3/01391

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 9944363	A	02-09-1999	AU 2632399 A DE 69907158 D1 EP 1057337 A1 GB 2334854 A WO 9944363 A1	15-09-1999 28-05-2003 06-12-2000 01-09-1999 02-09-1999
US 2001050920	A1	13-12-2001	AU 5121501 A EP 1273174 A2 WO 0174084 A2 US 2001020475 A1	08-10-2001 08-01-2003 04-10-2001 13-09-2001
WO 0020976	A	13-04-2000	US 6493872 B1 AU 6294399 A WO 0020976 A2 US 2001023436 A1	10-12-2002 26-04-2000 13-04-2000 20-09-2001
WO 0223916	A	21-03-2002	SE 517245 C2 AU 6797401 A SE 0003269 A WO 0223916 A1	14-05-2002 26-03-2002 15-03-2002 21-03-2002
EP 1089566	A	04-04-2001	AU 5943700 A AU 7380800 A CA 2345036 A1 CN 1288204 A EP 1089566 A1 EP 1228449 A1 GB 2359391 A GB 2370744 A JP 2001175578 A JP 2003509930 T TW 479433 B WO 0120499 A1	22-03-2001 17-04-2001 22-03-2001 21-03-2001 04-04-2001 07-08-2002 22-08-2002 03-07-2002 29-06-2001 11-03-2003 11-03-2002 22-03-2001
EP 0915596	A	12-05-1999	US 6134235 A CA 2249841 A1 EP 0915596 A2 JP 11317766 A TW 447203 B	17-10-2000 08-04-1999 12-05-1999 16-11-1999 21-07-2001
WO 0198950	A	27-12-2001	AU 6701501 A WO 0198950 A1	02-01-2002 27-12-2001